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South African Radio League * Suid-Afrikaanse Radioliga Member Society of the International Amateur Radio Union since 1925 <u>www.sarl.org.za</u> <u>www.iaru.org</u> <u>www.iaru-r1.org</u>

March 2014

2014 SARL 80 m QSO Party

he aim of this contest is to create an interest in and activity on the 80 m band. It is a phone only contest.

The contest will be run on 3 April from 17:00 to 20:00 UTC

(19:00 to 22:00 CAT) and only frequencies in the segment 3 603 to 3 650

and 3 700 to 3 800 kHz may be used.

The exchange is call signs, RS signal report and operator's name. Participation can be as a Single Operator or a Short Wave Listener (SWL)

The scoring is 10 points for every contact with a South African station and 15 points for every contact with a station outside South Africa.

Logs must be submitted by 12 April to zs5lp@vodamail.co.za



re you ready for an exciting amateur radio challenge? Deploy as a portable station, make five contacts, walk one kilometre, deploy again and make five contacts. Continue for the four hour period. You could do the same moving three kilometres via car, motorcycle, bicycle or other vehicle. You have entered the world of rapid deployment amateur radio aka RaDAR. You will enjoy making trade offs in radio, antennas, and choice of operating frequencies. The four hour period puts you under a little stress to manage all the factors in real time. Radio Amateurs worldwide practice RaDAR any time they can but there is the four hour radar contest the first



Saturday of April and November. The next RaDAR contest is Saturday 5 April from $14:00\ UTC$ to $18:00\ UTC$.

In addition to on foot and vehicle categories, there are also portable and at home categories. Each category has a multiplier. Power is your choice, QRP and up with multipliers. All amateur bands, besides the WARC bands, are allowed including cross band contacts via amateur radio satellites. Modes - CW, SSB, AM, FM or any digital mode. QSOs via terrestrial repeaters will not be allowed. Call sign, name, RS (T) report, QTH and grid locator at least 6 characters (10 preferred) is the exchange. There is a bonus for your first satellite or digital mode QSO. Also there is a bonus for your first radar to radar intercontinental QSO. Full details can be found in the SARL contest manual available on www.sarl.org.za or turn the page to page 2.

Have **YOU** done anything today to Promote

Amateur Radio?

March

1 and 2 - ARRL International DX SSB Contest 2 - SARL Hamnet 40 metre Simulated Emergency Contest

8 and 9 - RSGB Commonwealth Contest

9 - Cape Argus Cycle Tour

17 - St Patrick's Day

21 - Human Rights Day; Namibian Independence Day

22 - World Water day

23 - World Meteorological day

28 - Schools close

29 and 30 - CQ WPX SSB Contest

31 - Hindi New Year

Aprıl

3 - SARL 80 metre QSO Party

5 - RaDAR Contest

7 - Schools open

10 - Closing date for May RAE

11 to 12 - SARL National Convention

15 - Pesach begins

18 - Good Friday; World Amateur Radio Day

19 - Autumn QRP Contest; Two Oceans Marathon

20 - Easter Sunday

21 - Family Day

22 - Pesach ends, Earth Day

27 - Freedom Day

28 - Public Holiday

29 - School holiday

30 - School holiday



Current Summits-on-the-Air (SOTA) activities are announced at www.sotawatch.org
And more SOTA information can be found at www.sota.org.uk and www.zs4bfn.co.za/sota.asp



2014 RaDAR Contest

he RaDAR contest is a unique event aimed at promoting the use of Rapidly Deployable Amateur Radio stations. This contest is for all licensed radio amateurs not limited to South Africa. A choice is made prior to the contest to participate in one of the defined categories

but may be changed at any time during the contest. The points system is so structured as to encourage portable operations especially moveable RaDAR stations.

The contest takes place on Saturday 5 April starting at 14:00 UTC and ending at 18:00 UTC (16:00 to 20:00 CAT) - approximately two hours during the day and two hours at night within the South African time zone.

All amateur bands, besides the WARC bands, are allowed including cross band contacts via amateur radio satellites. Modes - CW, SSB, AM, FM or any digital mode. QSOs via terrestrial repeaters will NOT be allowed. Suggested HF Calling frequencies, visit http://zs6bne.wordpress.com/2013/03/06/radar-calling-frequencies/ for the latest international list of frequencies. Recommended digital modes frequencies - refer to the SARL Contest Manual, General Rule 15.

The exchange: the RaDAR contest requires more than a minimalistic information exchange. Accurate information exchange is considered more important than a large QSO count. Call sign, Name, RS(T) Report, QTH and grid locator. Note the grid locator can change as RaDAR operators are allowed to move position at any time. The grid locator of six characters is acceptable but should preferably be accurate to 10 characters for higher position accuracy.

Scoring: 1 point per QSO. Individual QSOs - per mode, per band, per satellite, per call sign.

Categories and multipliers. The following multipliers are applicable to determine the final score. If category changes were made during the contest than calculate accordingly.

- x 1 RaDAR Fixed station (at home or in another building)
- x 2 RaDAR Field station (portable away from home)
- \times 3 Moving RaDAR station Car / motorcycle / bicycle / etc., minimum 3 km
- x 4 Moving RaDAR station on foot minimum 1 km

Note: Moving RaDAR stations can move at any time but are required to move to the next destination after five contacts have been made from the present location. The move needs to cover the required distance before further contacts are allowed to be made. This requirement tests the ability to rapidly re-deploy your amateur radio field station.

Power multiplier: The power multiplier that applies is determined by the highest power output of any of the transmitters used during the contest at any point in time. X 6 - 5 Watts or less; X 4 - 6 to 50 Watts; X 2 - 51 watts or greater

Bonus points (All categories). 5 Points (the equivalent of five QSOs) for a minimum of one satellite or any digital modes QSO involving a computer, smartphone or digital modes device. (For clarity - thereafter 1 point per Satellite / Digital modes QSO). 5 points for the first inter continental DX QSO - 10 points if that QSO is between two participating RaDAR stations.

Log Sheets, the SARL RaDAR Contest manager is Eddie, ZS6BNE. Send e-mail entries to edleigh-ton@gmail.com. The closing date for logs is 19 April 2014. See www.dropbox.com/s/hygzv5no1gev0bx/ZS6BNE-RaDAR-GenericContestLog2013.docx for a log sheet specifically designed for the RaDAR contest.

Note: A photo of the station (JPG format) MUST accompany every log entry. A photo is required for each new location that moveable stations move to. These photos are used to promote amateur radio and the RaDAR concept showing where amateur radio can be used to communicate from and in the many different ways.

African DX

Western Sahara. After 14 years, Naama, S01A is active again from Bir Lehlu, Western Sahara. For the time being he only runs 40 watts into a dipole for 10 and 15 metres; future plans might include activity on 60 metres. A newly licensed operator, Azman, S01AH, is expected to be active

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from the same location. QSL for both call signs via EA2JG, direct only. Further information on http://saharadx.jimdo.com.



5V, Togo. Phil, F5MVB, and Joel, F5AOW, will work as 5V7MP and 5V7BJ from Avepozo between the 23 and 31 March. They will be active on 40 to 10 m using SSB (5V7BJ) and SSB and CW (5V7MP). QSLs via home calls. http://www.dxcoffee.com/eng/2014/01/20/5v7mp-togo/

5V, Togo. The Czech DXpedition team has organized another expedition, this time to Togo. Preliminary dates are the end of September, approximately for 10 days. Operators mentioned (w/call signs) are David, OK6DJ (5V7DB), Pavel, OK1FPS (5V7PS) and Petr, OK1FCJ (5V7ST). Activity will be on 160 to 10 metres using 2 \times K3, 1 \times KX3 and 2 \times PA into 2 \times Spiderbeam (w/WARC), 1 \times vertical (40 to 10 m), 1 vertical (160/80 m) and special RX antennas for the low bands. Operations will be on CW, SSB and the Digital modes. They plan to be in the CQ WW DX RTTY Contest (27 and 28 September). QSL via OK6DJ, direct, by the Bureau, eQSL, LoTW or using the OQRS on ClubLog. More information will be forthcoming. Also, see QSL details on http://qrz.com/db/5V7DB

7Q, Malawi. Another interesting and unusual call sign has been announced from this DXCC entity. Dr. Remco, PA3FYM, has announced that he plans a DXpedition to Malawi and will be active as 7QNL (yes, that is the call sign) for 3 weeks in May and June. Remco received his license on 11 February. Remco informs OPDX that the activity will be from around 18 May until 10 June. He will likely be in Malawi during the Presidential Elections, and plans to participate in the CQ WPX CW Contest (24 and 25 May) with his special call sign (a prefix itself! cf. 2014 CQ WPX rules) as a Single-Op entry. His planned activity will be on 80, 40, 30, 20, 17, 15, 12 and 10 metres using CW and SSB. Four Beverages are foreseen to try to optimise reception on the lower bands. Remco's efforts/DXpedition will include charity for a local project in the Blantyre area. His QSL Manager is PA1AW. More information will be forthcoming. A Web page is currently under construction http://7gnl.wordpress.com

ED9, Ceuta and Melilla. Members of the Ceuta Legion Contest Team will be active as ED9K during the CQ WW WPX DX SSB Contest (29 and 30 March) as a Multi-2 entry. Operators mentioned are Salvador, EA7FQB, Jorge, EA7HZ, Julio, EA7JB, AI, EA7JR, Manolo, EA7LL, Jose, EA7LS, Cris, EA7RU, Juan, EC7DTQ, Manuel, EA8DO and Jose, EA9CD. QSL via EA7LS, only direct (NO BUREAU - NO IRCs). Visit the ED9K Team's Face-Book page at http://www.facebook.com/ed9kteam

XT, Burkina Faso. Operators Jusei, JA3IVU, Yukinori, JA3VWT and Junichi, JH3AEF will once again be active as XT2IVU, XT2VWT and XT2AEF, respectively, from Ouagadougou between 21 and 26 March. Activity will be on 80 to 10 metres using CW, SSB and the Digital modes. QSL via their home call signs, direct (see QRZ.com) or by the Bureau.

ZS8, Marion Island

Several sources are reporting that Gerard, ZS1KX, will be leaving South Africa on 2 April for Marion Island. He has applied/requested the call sign ZS8KX. Gerard is expected to be active from the island in May. His wife will handle the QSLs. QSL direct to Gerard de Jong, PO Box 744, Wellington, 7654, South Africa.

Added Note: YL operator Nadia, ZS8A, has been showing up on 28 650 kHz this past week between 14:20 and 16:00 UTC. She does use ClubLog.



African Islands on the Air

FR, Reunion Island (Reminder). Guy, F5MNW, will once again be active as FR/F5MNW from Saint Leu between 16 March and 8 April. Activity will be on the HF bands using only CW. QSL via his home call sign, direct or by the Bureau.

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Mayotte Island, FH, AF-027. Hartwig, DL7BC wants to activate Mayotte from 20 March to 4 April. He will be active as TO7BC on 20 to 10 m (maybe also 40 m) in SSB and digital modes. Also look for him in the WPX contest, running 100 W and a spiderbeam. QSL via home call (d/B). Log check on ClubLog available. http://

www.gsl.net/dl7bc/

DXCC News

ill Moore, NC1L, the ARRL Awards Branch Manager reports that the following operation is approved for DXCC credit - T6DD - Afghanistan, the current operation.

DXCC Site: www.arrl.org/dxcc; Blog: http://www.arrl.org/awards-blog

Thanks Tjerk, ZS6P

Future of Kingman Reef (KH5)?

R

ich, KY6R, has recently spoken with project manager Amanda Pollock of the US Fish and Wildlife administration, who stated that her agency does not plan to issue any future permits for access to the reef. http://www.dxcoffee.com/eng/2014/03/15/fw-kingman-reef/

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 17 to 23 March 2014

NAQCC Straight Key/Bug Sprint 00:30 - 02:30 UTC 20 March

Mode: CW

Bands: 80, 40, 20 m Classes: (none) Max power: 5 watts

Exchange: RST, state, province or country and

NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2

points per QSO with member

Multipliers: Each state, province, or country once Key Type Mult: $2 \times \text{if straight key}$, $1,5 \times \text{if bug}$, $1 \times \text{if}$

other

Score Calculation: Total score = total QSO points x

total mults x key type mult

Submit logs by: 23:59 UTC 23 March 2014 Upload log at: http://naqcc.info/sprintlog.html

Mail logs to: John Shannon, K3WWP, 478 E. High St.,

Kittanning, PA 16201, USA

Find rules at: http://nagcc.info/sprint201403.html

RSGB 80 m Club Championship, SSB 20:00 - 21:30 UTC 20 March

Mode: SSB Bands: 80 m Only Classes: (none)

Exchange: RS and serial no QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 27 March 2014

Upload log at:

http://www.vhfcc.org/cgi-bin/hfenter.pl

Mail logs to: (none)

Find rules at: http://www.rsqbcc.org/hf/rules/2014/

r80mcc.shtml

QRP Fox Hunt

01:00 - 02:30 UTC 21 March

Mode: CW Bands: 80 m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and

power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 22 March 2014

E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:

http://www.grpfoxhunt.org/winter_rules.htm

NCCC RTTY Sprint

02:00 - 02:25 UTC 21 March

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Mode: RTTY
Bands: (see rules)
Classes: (none)
Exchange: (see rules)
Score Calculation: Total

score = total QSO points x total mults

Submit logs by: 23 March 2014

E-mail logs to: (none)

Post log summary at: http://www.3830scores.com/

Mail logs to: (none)

Find rules at: http://www.ncccsprint.com/rules.html

NCCC Sprint

02:30 - 03:00 UTC 21 March

Mode: (see rules)
Bands: (see rules)
Classes: (none)
Exchange: (see rules)

Score Calculation: Total score = total QSO points x

total mults

Submit logs by: 23 March 2014

E-mail logs to: (none)

Post log summary at: http://www.3830scores.com/

Mail logs to: (none)

Find rules at: http://www.ncccsprint.com/rules.html

FOC QSO Party

00:00 - 23:59 UTC 22 March

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, VHF

Classes: Single Op

Exchange: FOC-Member: RST, name and member no;

non-Members: RST and name Work stations: Once per band QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: FOC-Member: Score = Total QSOs/Total Member QSOs; non-Member: Score =

Total Member Q50s

Submit logs by: 5 April 2014

E-mail log summary to: kz5d@aol.com

Mail logs to: (none)
Find rules at:

http://q4foc.org/Default.aspx?pageId=1440151

Oklahoma QSO Party

13:00 UTC 22 March to 01:00 UTC 23 March and

13:00 - 19:00 UTC 23 March Mode: CW/Digital, Phone Bands: 80, 40, 20, 15, 10, 6 m Classes: Single Op - QRP, low or high; Multi-Single; Multi-Multi; Mobile Single Op; Mobile Assisted; Mo-

bile Unlimited

Max power: HP: >100 watts; LP: 100 watts; QRP: 5

watts

Exchange: OK: RS(T) and County; non-OK: RS(T) and

state, province or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3 points per

Digital/CW QSO

Bonus points: (see rules)

Multipliers: OK: Each state, province, OK county, DXCC countries once; non-OK: OK counties once Score Calculation: Total score = (total QSO points x

total mults) and bonus points Submit logs by: 23 April 2014

E-mail logs to: okaplogs@suddenlink.net

Mail logs to: Oklahoma QSO Party, Connie Marshall, K5CM, 2991 S. Woodland Rd., Muskogee, OK 74403,

USA

Find rules at: http://k5cm.com/okqp2013rules.pdf

CLARA HF Contest

17:00 UTC 22 March to 17:00 UTC 23 March

Mode: CW, Phone

Bands: 80, 40, 20, 15, 10, 2 m Classes: Single Op - low or high

Max operating hours: 24

Max power: HP: >200 W; LP: 200 W

Exchange: Name, QTH and CLARA member, family

member, non-member YL or OM

Work stations: Once per band per mode

QSO Points: 10 points per QSO with CLARA member; 5 points per QSO with CLARA family member; 4 points per QSO with non-member YL; 1 point per

QSO with OM

Bonus Points: (see rules)

Multipliers: Each VE province/territory once per band per mode; Each DXCC country (must be YL QSO) once

per band per mode

Score Calculation: Total score = total QSO points x

total mults

Submit logs by: 20 April 2014 E-mail logs to: ve9glf@nbnet.nb.ca

Mail logs to: Linda Friars, VE9GLF, 35 Upper Quaco

Road, Baxter Corner, NB E2S 2S2, Canada

Find rules at: http://www.clarayl.ca/index.php/

claracontestrules

Louisiana QSO Party

14:00 UTC 22 March to 02:00 UTC 23 March

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Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: CW/Digital - QRP, low or high; Phone - QRP, low or high; Mixed Mode - QRP, low or high; Rover

(CW-Digital/Phone/Mixed) - QRP, low or high

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5

watts

Exchange: LA: RS(T) and Parish; non-LA: RS(T) and

state, province or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 4 points per CW/Digital QSO; LA Rovers: add 50 points to score for each parish activated; Bonus: add 100 points to

score for working N5LCC at least once

Multipliers: LA stations: Each LA parish, state, province, country once per band per mode; Non-LA sta-

tions: Each LA parish once per band per mode

Score Calculation: Total score = (total QSO points x

total mults) and bonus points Submit logs by: 21 April 2014 E-mail logs to: logs@laqp.org

Mail logs to: LAQP, Robert Baker, 136 Northwood

Drive, West Monroe, LA 71291, USA

Find rules at: http://lagp.louisianacontestclub.org/

lagso_rules.htm

QCWA Spring QSO Party

18:00 UTC 22 March to 18:00 UTC 23 March

Mode: CW/Digital, Phone

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: CW/Digital Only; Phone Only; Mixed Exchange: last 2 digits of year first licensed, name and state, province, country or QCWA chapter Work stations: Once per band regardless of mode QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; 100 bonus points for each QSO

with W2MM on each band and mode

Multipliers: (see rules)

Score Calculation: Total score = (total QSO points x

total mult points) and bonus points
Submit logs by: 22 April 2014
E-mail logs to: w2od@aol.com

Mail logs to: W2OD, Robert Buus, 8 Donner Street,

Holmdel N.J. 07733-2004, USA

Find rules at: http://www.gcwa.org/2014-gso-party-

rules.pdf

UBA Spring SSB Contest 07:00 - 11:00 UTC 23 March

Mode: SSB Bands: 80 m Only Classes: Single; SWL

Max power: non-QRP: >10 watts;

QRP: 10 watts

Exchange: ON: RS, serial no and UBA section; non-ON: RS and serial no

QSO Points: 3 points per QSO with Belgian station

Multipliers: Each UBA Section

Score Calculation: Total score = total QSO points x

total mults

Submit logs by: 6 April 2014 E-mail logs to: <u>ubaspring@uba.be</u>

Mail logs to: (none)

Find rules at: http://www.uba.be/hf/contest-rules/

spring-contest

Nauryz DX Contest

08:00 - 13:59 UTC 23 March

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band Mixed - low or high; Single Op All Band CW; Single Op All Band SSB; Multi-

Single; SWL

Max power: HP: >100 watts; LP: 100 watts

Exchange: Central Asian: RS(T) and 2-character ob-

last; Others: RS(T) and ITU Zone Work stations: Once per band per mode

QSO Points: 10 points per QSO with central Asia; 1 point per QSO with same ITU zone; 3 points per QSO with different ITU zone same continent; 5

points per QSO with different continent

Multipliers: Each central Asian oblast once per band;

Each ITU zone once per band

Score Calculation: Total score = total QSO points x

total mults

Submit logs by: 7 April 2014

E-mail logs to: nauryz@nauryz-dx-contest.com
Upload log at: http://ua9qcq.com/contests/robot.php

Mail logs to: (none)

Find rules at: http://www.nauryz-dx-contest.com/



Next Weeks Contests

SKCC Sprint, 00:00 - 02:00 UTC 26 March QRP Fox Hunt, 01:00 - 02:30 UTC 26 March

CWops Mini-CWT Test, 13:00 - 14:00 UTC; 19:00 - 20:00 UTC 26 March and 03:00 - 04:00 UTC 27 March

QRP Fox Hunt, 01:00 - 02:30 UTC 28 March NCCC Sprint, 02:30 - 03:00 UTC 28 March

CQ WW WPX SSB Contest, 00:00 UTC 29 March to 23:59 UTC 30 March

PN Quick CW Contest, 16:00 - 17:40 UTC 29 March

2014 SARL Hamnet Contest

onditions were not good for this contest, so it was a pleasant surprize to receive 17 logs. The category winners are:

Stationary Mobile: No entries Single operator Field Station: Willem

Taljaard, ZS6WBT

Multi-operator Field Station: Bloemfontein

ARC, ZS4BFN

Base Station: Johan van Zijl, ZS4DZ

Single operator Field Station
1st Willem Taljaard, ZS6WBT, 432 points
2nd Michael Kramer, ZS5MB, 408 points
3rd Al Akers, ZS2U, 405 points
4th Jacques Viljoen, ZS6JV, 324 points
5th George Pearson, ZS2E, 216 points
6th Eddie Leighton, ZS6BNE, 90 points

Multi-operator Field Station
1st Bloemfontein ARC, ZS4BFN, 1 080 points
2nd Southern Cape ARC, ZS1SKR, 445 points
3rd Kempton Park, ZS6KTS, 342 points
4th Martha Swart, ZS6MMS, and friends, 84 points



Base Station:

1st Johan van Zijl, ZS4DZ, 1 452 points 2nd Mitchel Mynhardt, ZS6YH, 1 185 points 3rd Pieter Jacobs, ZS6XT, 1 068 points 4th Theunis Potgieter, ZS2EC, 320 points 5th Pam Momberg, ZS6APT, 294 points 6th Dirk Els, ZS6AKU, 246 points 7th Gavin Spowart, ZS6BWW, 84 points

History this Week, week starting 17 March 14

- 1684 Giovanni Domenico Cassini discovered the two moons of Saturn: Tethys and Dione
- 1800 Alessandro Volta dated a letter announcing his invention of the voltaic pile to Sir Joseph Banks
- 1821 Bauxite, an aluminium ore, was discovered in southern France near the village of Les Baux by Pierre Berthier
- 1886 America's first demonstration of the alternating-current system provided lighting along Main Street at Great Barrington
- 1895 The first motion picture shown on a screen was presented by Auguste and Louis Lumière
- 1900 Nikola Tesla received a patent for the wireless transmission of electric power
- 1932 The Sydney Harbour Bridge, Australia, was opened

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX
Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and
Southgate ARC News